Via EFS Attorney Docket No.: 16534-539001US

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:

Levy, et al.

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EXAMINER:

Janet L. Epps-Smith

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1633

For:

METHODS OF USING SUBSTITUTED TETRACYCLINE COMPOUNDS TO

MODULATE RNA

Via EFS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE

This paper is submitted in response to the Office Action mailed on May 23, 2011, in the above-identified patent application. With no Extension of Time, a Response is due on or before August 23, 2011.

Applicants believe no additional fees are due, however, the Commissioner is hereby authorized to charge any such additional fee(s), or to credit any overpayment, to Deposit Account No. 50-0311, Reference No. 16534-539001US, Customer Number: 30623.

A Listing of the Claims begin on page 2.

Remarks/Arguments begin on page 49.